L Number	Hits	Search Text	DB	Time stamp
1	111	(("5327447") or ("5331651") or ("5347527") or ("5349440") or ("5373515") or ("5387974") or ("5412474") or ("5414280") or ("5418800") or ("5420687") or ("5428700") or ("5438579") or ("5444724") or ("5450202") or ("5473625") or ("5543916") or ("5583638") or ("5594744") or ("5606439") or ("5631736") or	USPAT; US-PGPUB	2004/08/26 16:24
		("5583638") or ("5594744") or ("5606439") or ("5631736") or ("5651018") or ("5673129") or ("5712704") or ("5719674") or ("5737109") or ("5751750") or ("5760391") or ("5777773") or ("5802085") or ("5812716") or ("4460977") or ("4504950") or ("4560246") or ("4583227") or ("4770047") or ("4839614") or ("4843233") or ("4847854") or ("4870269") or ("4932782") or ("4994677") or ("5028395") or ("5050179") or ("5058124") or ("5103457") or ("5115677") or ("5124993") or ("5141316") or ("5163063") or ("5172185") or ("5181078") or ("5181214") or ("5181717") or ("5185643") or ("5230337") or ("5225930") or ("5263037") or ("5270791") or ("5802162") or ("5872881") or ("5886785") or ("5917188") or ("5943352") or ("5946331") or ("5991061") or ("6018535") or ("6026100") or ("6034799") or ("60440950") or ("6043883") or ("6044095") or ("6108355") or ("6115121") or ("6115401") or ("6192058") or ("62265159") or ("6249364") or ("6229835") or ("6249364") or ("6249365") or ("6249364") or ("6249365") or ("6282215") or ("6304280") or ("6304586") or ("6282215") or ("6301274") or ("6301280") or ("6304586") or		
2	14	("6314115") or ("6321011") or ("6324204") or ("6330253") or ("6331892") or ("6337660") or ("6366592") or ("6366689") or ("6404538") or ("6441933") or ("6463085") or ("6532091") or ("20020048297") or ("20020126345") or ("20020136104")).PN. re37044	USPAT;	2004/08/26 16:30
3	524	372/19.ccls.	US-PGPUB USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/26 16:30
4	0	372/19.ccls. and ((micro near3 actuat\$3) or (micro-actuat\$3) or (microactuat\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/26 16:32
5	10	372/20.ccls. and ((micro near3 actuat\$3) or (micro-actuat\$3) or (microactuat\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/26 16:37
6	1	372/38.1.ccls. and ((micro near3 actuat\$3) or (micro-actuat\$3) or (microactuat\$3))	USPAT; US-PGPUB; EPO; JPO;	2004/08/26 16:38
7	0	372/43.ccls. and ((micro near3 actuat\$3) or (micro-actuat\$3) or (microactuat\$3))	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/26 16:38
8	2	372/99.ccls. and ((micro near3 actuat\$3) or (micro-actuat\$3) or (microactuat\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/26 16:38
9	0	372/101.ccls. and ((micro near3 actuat\$3) or (micro-actuat\$3) or (microactuat\$3))	USPAT; US-PGPUB; EPO; JPO;	2004/08/26 16:39
10	0	372/102.ccls. and ((micro near3 actuat\$3) or (micro-actuat\$3) or (microactuat\$3))	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/08/26 16:39
11	23	372/\$8.ccls. and ((micro near3 actuat\$3) or (micro-actuat\$3) or (microactuat\$3))	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/26 16:40

(microactuat\$3)) (microactuat\$3)) or (micro-actuat\$3) or (micro-ac				_	
13 6 (laser and ((micro near3 actual\$3) or (micro-actual\$3) or DERWENT (USPAT) (12	1571			2004/08/26 16:41
13 6 (laser and ((micro near3 actual\$3) or (micro-actual\$3) or (microactual\$3)) or (microactual\$3) or (microactual\$3) or (microactual\$3)) or (microactual\$3) or (micro			(microactuat\$3))		
13				EPO; JPO;	
(microactuat\$3)) and litman				DERWENT	
(microactuat\$3)) and litman	13	6	(laser and ((micro near3 actuat\$3) or (micro-actuat\$3) or	USPAT:	2004/08/26 16:49
14				1	
14				1	
14					
microactual\$3))) and grating	1.4	175	(loser and (/micro near3 actuat\$3) or (micro-actuat\$3) or		2004/08/26 17:23
15	17	173			2004/00/20 17.25
15			(microactuates))) and grating		
15					
16	4-	405			0004/00/00 47.00
1	15	405	moems		2004/08/26 17:23
16				1	
1					
17				1	
17	16	1	moems and littman	USPAT;	2004/08/26 17:24
17				US-PGPUB;	
17				EPO; JPO;	
18					
18	17	85	moems and tun\$4 and laser		2004/08/26 17:24
18					
DERWENT USPAT; US-PGPUB; EPO; JPO: DERWENT USPAGE U					
19		1			
19	10	20	magne and tuned near? locar		2004/09/26 17:26
19	10	20	Moems and lungs nears laser	1	2004/00/20 17.20
19				1	
19					
US-PGPUB EPO: JPO: DERWENT US-PGPUB EPO: JPO: DERWENT US-PGPUB US	40	40			0004/00/00 47-00
- 950 372/20.ccls. - 950 372/20.ccls. - 2 372/20.ccls. - 190 372/2	19	42	moems and diπraction near3 grating		2004/08/26 17:26
- 950 372/20.ccls. and (micro\$8 near tun\$5) - 2 372/20.ccls. and (micro\$8 near tun\$5) - 190 372/20.ccls. and 372/102.ccls 190 372/20.ccls. and 372/102.ccls 3 (372/20.ccls. and 372/102.ccls.) and 372/15.ccls 1 (372/20.ccls. and (micro near3 actuat\$3) or (micro-actuat\$3) or (micro-actuat\$3) or (micro-actuat\$3) or (micro-actuat\$3) or (micro-actuat\$3) or (micro-actuat\$3)) and micro\$ - 12 (372/20.ccls. and 372/102.ccls.) and actuator and micro\$8 - 12 (372/20.ccls. and 372/102.ccls.) and actuator and micro\$8 - 12 (372/20.ccls. and mems - 13 (372/20.ccls. and mems - 14 (iffraction adj grating) near mem - 15 (diffraction near grating) and mem - 16 (diffraction near grating) and mem - 17 (diffraction near grating) and mem - 18 (diffraction near grating) and mem - 19 (diffraction near grating) and mem - 10 (diffraction near grating) and mem - 11 (diffraction near grating) and mem - 12 (diffraction near grating) and mem - 13 (diffraction near grating) and mem - 14 (diffraction near grating) and mem - 15 (diffraction near grating) and mem - 16 (diffraction near grating) and mem - 17 (diffraction near grating) and mem - 18 (diffraction near grating) and mem - 19 (diffraction near grating) and mem - 10 (diffraction near grating) and mem - 10 (diffraction near grating) and mem - 11 (diffraction near grating) and mem - 12 (diffraction near grating) and mem - 13 (diffraction near grating) and mem - 14 (diffraction near grating) and mem - 15 (diffraction near grating) and mem - 16 (diffraction near grating) and mem - 17 (diffraction near grating) and mem - 18 (diffraction near grating) and mem - 19 (diffraction near grating) and mem - 10 (diffraction near grating) and mem - 10 (diffraction near grating) and mem - 10 (diffraction near grating) and mem - 11 (diffraction near grating) and mem - 12 (diffraction near grating) and mem - 13 (diffraction near grating) and mem - 14 (diffraction near grating) and mem - 15 (diffraction near grating) and mem - 16 (diffraction near grating) and mem - 17 (diffraction near grating) an					
- 950 372/20.ccls. 950 372/20.ccls. 2 372/20.ccls. and (micro\$8 near tun\$5) 190 372/20.ccls. and 372/102.ccls. 190 372/20.ccls. and 372/102.ccls.) and 372/15.ccls. 190 372/20.ccls. and 372/102.ccls.) and 372/15.ccls. 191 372/20.ccls. and ((micro near3 actuat\$3)) or (micro-actuat\$3) or (micro-actuat\$3)) or (micro-actuat\$3)) or (micro-actuat\$3)) or (micro-actuat\$3)) or (micro-actuat\$3)) or (micro-actuat\$3)) or (micro-actuat\$3) or (micro-actuat\$3)) or (micro-actuat\$3) or (micro-actuat\$3)) or (micro-actuat\$3) or (micro-actuat\$3)) or (micro-actuat\$3) or (micro-actuat\$3) or (micro-actuat\$3)) or (micro-actuat\$3) o					
- 2 372/20.ccls. and (micro\$8 near tun\$5) US-PGPUB USPAT; US-P					
2 372/20.ccls. and (micro\$8 near tun\$5)	-	950	3/2/20.ccls.		2002/12/12 14:09
- 190 372/20.ccls. and 372/102.ccls 3 (372/20.ccls. and 372/102.ccls.) and 372/15.ccls 3 (372/20.ccls. and 372/102.ccls.) and 372/15.ccls 1 (372/20.ccls. and ((micro near3 actuat\$3)) or (micro-actuat\$3)) or (microactuat\$3))) and micro\$ - 0 (((372/20.ccls. and 372/102.ccls.) and actuator) and micro\$8 - 12 (372/20.ccls. and 372/102.ccls.) and actuator - 12 (372/20.ccls. and 372/102.ccls.) and actuator - 13 372/20.ccls. and mems - 2 372/23.ccls. and mems - 2 372/23.ccls. and mems - 3 (diffraction adj grating) near mems - 248 (diffraction adj grating) near mem - 248 (diffraction near grating) and mem - 25 372/23.ccls. and mem - 26 372/23.ccls. and mem - 27 372/23.ccls. and mem - 28 372/23.ccls. and mem - 29 372/23.ccls. and mem - 2003/01/16 16:32 - 2003/01/16 16:32 - 2003/01/16 16:32 - 2003/01/16 16:32 - 2003/01/16 16:32 - 2003/01/16 16:32 - 2003/01/16 16:32 - 2003/01/16 16:32 - 2003/01/16 16:32 - 2003/01/16 16:32 - 2003/01/16 16:32 - 2003/01/16 16:32 - 2003/01/16 16:32 - 2003/01/16 16:32 - 2003/01/16 16:32 - 2003/01/16 16:32 - 2003/01/16 16:32 - 2003/01/16 16:32 - 2003/01/16 16:33					
- 190 372/20.ccls. and 372/102.ccls. 3 (372/20.ccls. and 372/102.ccls.) and 372/15.ccls. 1 (372/20.ccls. and ((micro near3 actuat\$3) or (micro-actuat\$3) or (microactuat\$3))) and micro\$ 1 (372/20.ccls. and ((micro near3 actuat\$3) or (micro-actuat\$3) or (microactuat\$3))) and micro\$ 2 ((372/20.ccls. and 372/102.ccls.) and actuator) and micro\$ 3 (372/20.ccls. and 372/102.ccls.) and actuator 4 (372/20.ccls. and 372/102.ccls.) and actuator 5 (372/20.ccls. and 372/102.ccls.) and actuator 6 (372/20.ccls. and mems 7 (372/20.ccls. and mems 8 (372/20.ccls. and mems 8 (372/20.ccls. and mems 8 (372/20.ccls. and mems 9 (372/20.ccls. and mem 9 (372/20.ccls. and mem) 9 (372/20.ccls. and actuator) 9 (372/20.ccls. and actuator) 9 (372/20.ccls. and actuator) 9 (372/20.ccls. and actuator) 9 (372/20.ccls. a	-	2	372/20.ccls. and (micro\$8 near tun\$5)	1	2002/12/12 14:14
- 3 (372/20.ccls. and 372/102.ccls.) and 372/15.ccls. 1 (372/20.ccls. and ((micro near3 actuat\$3) or (micro-actuat\$3) or (micro-actuat\$3)) and micro\$ 1 (372/20.ccls. and ((micro near3 actuat\$3) or (micro-actuat\$3) or (micro-actuat\$3) or (micro-actuat\$3)) and micro\$ 2 ((372/20.ccls. and 372/102.ccls.) and actuator) and micro\$8 1 (372/20.ccls. and 372/102.ccls.) and actuator 1 (372/20.ccls. and 372/102.ccls.) and actuator 2 (372/20.ccls. and mems 3 (372/20.ccls. and mems 4 (USPAT; US-PGPUB USPAT; US-PGPUB US-					
- 3 (372/20.ccls. and 372/102.ccls.) and 372/15.ccls 1 (372/20.ccls. and ((micro near3 actuat\$3) or (micro-actuat\$3) or (micro-actuat\$3)) or (micro-actuat\$3) or (micro-actuat\$3)) or (micro-actuat\$3) or (micro-actuat\$3)) or (micro-actuat\$3) or (micro-actuat\$3)) or (micro-actuat\$3) and actuator (micro-ac	-	190	372/20.ccls. and 372/102.ccls.		2002/12/12 14:15
1					
- 1 (372/20.ccls. and ((micro near3 actuat\$3) or (micro-actuat\$3) or (microactuat\$3)) and micro\$ USPAT; US-PGPUB USPAT; US	-	3	(372/20.ccls. and 372/102.ccls.) and 372/15.ccls.		2002/12/12 14:16
Commitment of the commitment				US-PGPUB	
- 0 ((372/20.ccls. and 372/102.ccls.) and actuator) and micro\$8	-	1			2002/12/12 14:18
- 12 (372/20.ccls. and 372/102.ccls.) and actuator					
- 12 (372/20.ccls. and 372/102.ccls.) and actuator USPAT; US-PGPUB USPAT; US-P	-	0	((372/20.ccls. and 372/102.ccls.) and actuator) and micro\$8	USPAT;	2002/12/12 14:19
- 19 372/20.ccls. and mems US-PGPUB US-				US-PGPUB	
- 19 372/20.ccls. and mems USPAT; US-PGPUB	-	12	(372/20.ccls. and 372/102.ccls.) and actuator	USPAT;	2002/12/12 14:19
- 2 372/23.ccls. and mems US-PGPUB US-P			·	US-PGPUB	
- 2 372/23.ccls. and mems US-PGPUB US-P	-	19	372/20.ccls. and mems	USPAT;	2003/01/16 16:33
- 2 372/23.ccls. and mems USPAT; US-PGPUB USPA		1		1	
- 1 372/102.ccls. and mems	-	2	372/23.ccls. and mems		2003/01/16 16:32
- 1 372/102.ccls. and mems USPAT; US-PGPUB		1			
- 4 littman and mems	_	1	372/102.ccls, and mems		2003/01/16 16:32
- 4 littman and mems					
- 3 (diffraction adj grating) near mems	-	4	littman and mems		2003/01/16 16:33
- 3 (diffraction adj grating) near mems			manan and monio		
- 7 (diffraction adj grating) near mem - 248 (diffraction near grating) and mem - 144 (diffraction near grating) and mem and (mirror or reflect\$3) and laser - 15 1 372/102.ccls. and mem - 27 2 372/23.ccls. and mem - 28 372/20.ccls. and mem - 29 372/20.ccls. and mem - 20 372/20.ccls. and mem - 20 372/20.ccls. and mem - 20 372/20.ccls. and mem - 21 372/20.ccls. and mem - 22 372/20.ccls. and mem - 23 372/20.ccls. and mem - 24 372/20.ccls. and mem - 25 372/20.ccls. and mem - 26 372/20.ccls. and mem - 27 372/20.ccls. and mem - 28 372/20.ccls. and mem - 29 372/20.ccls. and mem - 20 372/20.ccls. and mem - 20 372/20.ccls. and mem	_	9	(diffraction adjurating) pear mems		2003/01/16 16:30
- 7 (diffraction adj grating) near mem - 248 (diffraction near grating) and mem - 144 (diffraction near grating) and mem and (mirror or reflect\$3) and laser - 1 372/102.ccls. and mem - 2 372/23.ccls. and mem - 2 372/20.ccls. and mem - 372/20.ccls. and mem	-	3	(unitablion auj graung) near mems	•	2003/01/10 10.30
- 248 (diffraction near grating) and mem	_	7	(diffraction adjurating) poor mom	1	2003/01/16 16:20
- 248 (diffraction near grating) and mem USPAT; US-PGPUB	-	1 '	(Omracuon auj graung) near mem		2003/01/10 10:30
- 144 (diffraction near grating) and mem and (mirror or reflect\$3) and laser		240	(differentian many quoting) and many		2002/04/46 46:24
- 144 (diffraction near grating) and mem and (mirror or reflect\$3) and USPAT; US-PGPUB	-	240	(umacuon near graung) anu mem		2003/01/10 10:31
- 1 372/102.ccls. and mem US-PGPUB USPAT; 2003/01/16 16:32 US-PGPUB USPAT; 2003/01/16 16:33 US-PGPUB USPAT; 2003/01/16 16:33 US-PGPUB USPAT; 2003/01/16 16:33 US-PGPUB USPAT; 2003/01/16 16:33 US-PGPUB		144	(differentian many proting) and many and (mirror or reflect@2) and	1	0000/04/46 46:00
- 1 372/102.ccls. and mem USPAT; 2003/01/16 16:32 US-PGPUB US-PGPUB USPAT; 2003/01/16 16:33 US-PGPUB US-PGPUB USPAT; 2003/01/16 16:33 US-PGPUB USPAT; 2003/01/16 16:33 US-PGPUB	-	144	1,	1	2003/01/16 16:32
- 2 372/23.ccls. and mem US-PGPUB USPAT; 2003/01/16 16:33 US-PGPUB USPAT; 2003/01/16 16:33 US-PGPUB USPAT; US-PGPUB					0000/04/40 15 55
- 2 372/23.ccls. and mem USPAT; US-PGPUB US-PGPUB US-PGPUB US-PGPUB US-PGPUB	-	1	312/102.ccis. and mem		2003/01/16 16:32
- 22 372/20.ccls. and mem US-PGPUB USPAT; 2003/01/16 16:33 US-PGPUB		_	070/00		000010111015
- 22 372/20.ccls. and mem USPAT; 2003/01/16 16:33 US-PGPUB	-	2	372/23.ccls. and mem		2003/01/16 16:33
US-PGPUB			0-000		0000101110 := ==
	-	22	372/20.ccls. and mem		2003/01/16 16:33
Sparch History 9/26/04 5:00:07 DM Dogs 0				US-PGPUB	<u> </u>

	34	littmon and mam	USPAT;	2003/01/16 16:34
-	34	littman and mem	US-PGPUB	2003/01/10 10.34
-	196	(diffraction near grating) and mems	USPAT; US-PGPUB	2003/01/16 16:36
-	0	diffraction adj grating and mem and micrmirror	USPAT; US-PGPUB	2003/01/16 17:13
-	53	diffraction adj grating and mem and micromirror	USPAT; US-PGPUB	2003/01/16 17:13
-	1757	ford.in.	USPAT; US-PGPUB	2003/01/16 17:25
-	3	ford.in. and mem	USPAT; US-PGPUB	2003/01/16 17:26
-	11	microelectromechanical adj mirror	USPAT; US-PGPUB	2003/01/16 17:26
-	0	(rotary near comb) and mem	USPAT; US-PGPUB	2003/01/17 09:26
-	2	(rotary near comb) and mem	USPAT; US-PGPUB	2003/01/17 09:40
-	9	(rotary near comb) and actuator	USPAT; US-PGPUB	2003/01/17 09:44
-	33	(rotary near comb) and drive	USPAT; US-PGPUB	2003/01/17 10:01
-	1	("6282213").PN.	USPAT; US-PGPUB	2003/01/17 10:01
-	1	(("6282213").PN.) and mode	USPAT; US-PGPUB	2003/01/17 10:06
-	0	(("6282213").PN.) and (rotary or comb)	USPAT; US-PGPUB	2003/01/17 10:14
-	40	372/20.ccls. and littman	USPAT; US-PGPUB	2003/01/17 10:14
-	36	(372/20.ccls. and littman) and (actuator or rotat\$7)	USPAT; US-PGPUB	2003/01/17 10:46
-	465	fabry adj perot and liquid adj crystal	USPAT; US-PGPUB	2003/01/17 10:42
-	2	(fabry adj perot) near liquid adj crystal	USPAT; US-PGPUB	2003/01/17 10:38
-	20	5,068,749	USPAT; US-PGPUB	2003/01/17 10:38
-	1	("5,068,749").PN.	USPAT; US-PGPUB	2003/01/17 10:39
-	3	(("5,068,749") or ("5,111,321") or ("6,154,591")).PN.	USPAT; US-PGPUB	2003/01/17 10:40
-	342	fabry adj perot and liquid adj crystal and tun\$4	USPAT; US-PGPUB	2003/01/17 10:42
-	22	(372/20.ccls. and littman) and (actuator or rotat\$7) and (single near mode)	USPAT; US-PGPUB	2003/01/17 11:17
-	1	(moems and diffraction near3 grating) and micro\$	USPAT; US-PGPUB	2003/01/17 10:57
-	0	(("6249537").PN.) and micro\$10	USPAT; US-PGPUB	2003/01/17 10:59
-	0	(("6249537").PN.) and micro	USPAT; US-PGPUB	2003/01/17 10:59
-	1	("6249537").PN.	USPAT; US-PGPUB	2003/01/17 10:59
-	9	littman and telecommunication and (single near mode) and tun\$4 and laser	USPAT; US-PGPUB	2003/01/17 11:29
-	10	littman and telecommunication and (single near mode) and tun\$4 and laser	USPAT; US-PGPUB	2003/01/17 11:36
-	5	372/\$.ccls. and littman and telecommunication and (single near mode)	USPAT; US-PGPUB	2003/01/17 11:38
-	12	372/\$.ccls. and littman and telecommunication	USPAT; US-PGPUB	2003/01/17 11:49
-	0	(micro near actuator) and littman and telecommunication	USPAT; US-PGPUB	2003/01/17 11:51
-	0	(micro near actuator) and littman	USPAT; US-PGPUB	2003/01/17 11:50
-	0	(mem near actuator) and littman	USPAT; US-PGPUB	2003/01/17 11:50

-	5	actuator and littman and telecommunication	USPAT; US-PGPUB	2003/01/17 11:53
-	538	micro near actuator	USPAT;	2003/01/17 11:53
			US-PGPUB	
-	187	(micro near actuator) and laser	USPAT;	2003/01/17 11:53
1_	1	(micro near actuator) and (tun\$4 near laser)	US-PGPUB USPAT;	2003/01/17 12:12
	'	(micro freat actuator) and (turior freat laser)	US-PGPUB	2003/01/17 12.12
-	2	(("5230005") or ("5624437")).PN.	USPAT;	2003/01/17 13:29
	_	(IICO4 4004II) FNI	US-PGPUB	00001041474004
-	1	("5914801").PN.	USPAT; US-PGPUB	2003/01/17 13:34
-	135	microactuator and mirror	USPAT;	2003/01/17 13:37
			US-PGPUB	
-	255	microactuator and mirror	USPAT;	2003/01/17 13:35
_	241	(microactuator and mirror) and (laser or beam or light)	US-PGPUB USPAT;	2003/01/17 13:36
		(more actually and minor) and (laser or beam or light)	US-PGPUB	2000/01/11 10:00
_	0	((microactuator and mirror) and (laser or beam or light)) and	USPAT;	2003/01/17 13:36
	52	littman //microsoftuator and micros) and /lease or beam or light)) and	US-PGPUB	2002/04/47 42:26
	53	((microactuator and mirror) and (laser or beam or light)) and tun\$4	USPAT; US-PGPUB	2003/01/17 13:36
-	22	(((microactuator and mirror) and (laser or beam or light)) and	USPAT;	2003/01/17 13:37
	_	tun\$4) and grating	US-PGPUB	
-	5	microactuator and 372/\$.ccls.	USPAT; US-PGPUB	2003/01/17 13:40
-	64	mem and 372/\$.ccls.	USPAT;	2003/01/17 13:40
		, , , , , , , , , , , , , , , , , , ,	US-PGPUB	
-	15	iolon	USPAT;	2003/01/21 11:58
	0	roatat\$5 and motor and 372/\$.ccls.	US-PGPUB USPAT;	2003/01/21 12:26
	"	Totalaty3 and motor and 372/\$.ccis.	US-PGPUB	2003/01/21 12.20
-	659	rotat\$5 and motor and 372/\$.ccls.	USPAT;	2003/01/21 12:26
	100	1 totat@5 and master and 270/00 aste	US-PGPUB	0000/04/04 40:00
-	102	rotat\$5 and motor and 372/20.ccls.	USPAT; US-PGPUB	2003/01/21 12:26
-	13	(rotat\$5 and motor and 372/20.ccls.) and littman	USPAT;	2003/01/21 12:32
			US-PGPUB	
-	0	(electrostatic near motor) and littman	USPAT;	2003/01/21 12:30
-	0	(electrostatic near motor) and 372/\$.ccls.	US-PGPUB USPAT;	2003/01/21 12:30
			US-PGPUB	
-	14	(electro and static and motor) and 372/\$.ccls.	USPAT;	2003/01/21 12:31
	21	(rotat\$5'and motor and 372/\$.ccls.) and littman	US-PGPUB USPAT;	2003/01/21 12:32
		(1916) and motor and or Equodicy and manan	US-PGPUB	2000/01/21 12.32
-	12	telecommunication and littman and 372/\$.ccls.	USPAT;	2003/01/21 12:50
	10	wdm and littman and 372/\$.ccls.	US-PGPUB USPAT:	2003/01/21 14:40
	10	want and numan and στ2/φ.σσ5.	US-PGPUB	2003/01/21 14.40
-	1	("6428173").PN.	USPAT;	2003/01/21 16:21
	_	/!/mada near hanC4) and (single near to Ja)!!) Dhi	US-PGPUB	0000/04/04 40:00
-	0	("(mode near hop\$4) and (single near mode)").PN.	USPAT; US-PGPUB	2003/01/21 16:22
-	439	(mode near hop\$4) and (single near mode)	USPAT;	2003/01/21 16:22
			US-PGPUB	
-	23	((mode near hop\$4) and (single near mode)) and littman	USPAT;	2003/01/21 16:22
_	1	("6428173").PN.	US-PGPUB USPAT:	2003/01/22 10:03
			US-PGPUB	
-	0	(("6428173").PN.) and comb	USPAT;	2003/01/22 10:03
_	0	(("6428173").PN.) and fingers	US-PGPUB USPAT;	2003/01/22 10:03
		(0.20170 ja 14.) and angold	US-PGPUB	2003/01/22 10.03
-	0	(("6428173").PN.) and interdigitable	USPAT;	2003/01/22 10:06
_	4	(("6428173").PN.) and electrostatic	US-PGPUB	2003/04/22 42:22
-	'	((0420173).FIN.) and electrostatic	USPAT; US-PGPUB	2003/01/22 12:32
===		5:20:27 DM Dogo 4		<u> </u>

			····	
-	42	372/20.ccls. and actuator	USPAT; US-PGPUB	2003/01/22 12:36
-	53	littman and actuator	USPAT;	2003/01/22 12:36
_	60	littman and actuator	US-PGPUB USPAT;	2003/07/08 14:15
		ntiman and actuator	US-PGPUB;	2000/07/00 14:10
			EPO; JPO; DERWENT	
_	45	littman and mem\$2	USPAT;	2003/07/08 14:16
			US-PGPUB;	
			EPO; JPO; DERWENT	
-	1	(micro near actuat\$3) and 372/20.ccls.	USPAT;	2003/07/08 16:45
			US-PGPUB; EPO; JPO;	
*			DERWENT	
-	4	(micro near actuat\$3) and 372/\$.ccls.	USPAT; US-PGPUB;	2003/07/08 15:27
			EPO; JPO;	
	00	(DERWENT	2002/07/00 45-52
-	36	(mem\$2) and 372/20.ccls.	USPAT; US-PGPUB;	2003/07/08 15:53
			EPO; JPO;	
_	113	(actuat\$3) and 372/20.ccls.	DERWENT USPAT;	2003/07/08 15:40
	113	(actuatys) and stratzotocis.	US-PGPUB;	2000/07/00 10:40
			EPO; JPO; DERWENT	
_	24	((actuat\$3) and 372/20.ccls.) and (littman or littrow)	USPAT;	2003/07/08 15:41
			US-PGPUB;	
-			EPO; JPO; DERWENT	
-	110	(mem\$2) and 372/\$.ccls.	USPAT;	2003/07/08 15:59
			US-PGPUB; EPO; JPO;	
			DERWENT	0000/07/00 45 50
-	997	micro near actuator	USPAT; US-PGPUB;	2003/07/08 15:59
			EPO; JPO;	
_	0	(micro near actuator) and (littman or littrow)	DERWENT USPAT;	2003/07/08 17:11
		(mare real detailer) and (marier or mare v)	US-PGPUB;	2000/01/00 11111
			EPO; JPO; DERWENT	
-	8	(micro near actuator) and (tun\$5 near3 laser)	USPAT;	2003/07/08 16:04
			US-PGPUB; EPO; JPO;	
			DERWENT	
-	12	(micro near actuator) and diffraction near grating	USPAT; US-PGPUB;	2003/07/08 16:05
			EPO; JPO;	
	49	littman and 372/20.ccls.	DERWENT USPAT;	2003/07/08 16:51
	49		US-PGPUB;	2003/07/00 10.01
			EPO; JPO;	
-	43	littman and rotat\$4 and 372/20.ccls.	DERWENT USPAT;	2003/07/08 17:00
			US-PGPUB;	
			EPO; JPO; DERWENT	
-	10	littman and rotat\$4 and 372/20.ccls. and piezoelectric	USPAT;	2003/07/08 17:01
			US-PGPUB; EPO; JPO;	
	_		DERWENT	0000/07/00 := 5:
-	8	littman and rotat\$4 and 372/20.ccls. and (stepper near motor)	USPAT; US-PGPUB;	2003/07/08 17:04
			EPO; JPO;	
			DERWENT	

r · · · · · · · · · · · · · · · · · · ·				
-	12	(micro near actuator) and (diffraction near grating)	USPAT;	2003/07/08 17:12
			US-PGPUB;	
			EPO; JPO;	
	160	(migra poor actuator) and loops	DERWENT	2002/07/09 17:12
-	169	(micro near actuator) and laser	USPAT; US-PGPUB;	2003/07/08 17:12
			EPO; JPO;	
			DERWENT	
_	5	(micro near actuator) and (tunable near laser)	USPAT:	2003/07/08 17:20
		(more from detailer) and (landsid from labor)	US-PGPUB;	2000/0//00 1//20
			EPO; JPO;	
			DERWENT	
-	156	mem\$2 and (tunable near laser)	USPAT;	2003/07/08 17:21
			US-PGPUB;	
			EPO; JPO;	
		l	DERWENT	0000/07/00 44 47
-	868	microactuator	USPAT;	2003/07/22 11:47
	44	microsoftuctor and (tun64 magr2 lease)	US-PGPUB	2002/07/22 44:22
-	11	microactuator and (tun\$4 near3 laser)	USPAT; US-PGPUB	2003/07/22 11:22
	4867	actuator and (stepper near motor)	USPAT:	2003/07/22 11:32
1 -	4007	actuator and (stepper near motor)	US-PGPUB	2003/01/22 11.32
-	394	actuator near (stepper near motor)	USPAT;	2003/07/22 11:33
		(Coopper many)	US-PGPUB	
-	8	(actuator near (stepper near motor)) and 372/\$.ccls.	USPAT;	2003/07/22 11:32
		<u>"</u>	US-PGPUB	
-	1	microactuator near (stepper near motor)	USPAT;	2003/07/22 12:03
	_		US-PGPUB	
-	2	microactuator near laser	USPAT;	2003/07/22 11:35
			US-PGPUB	0000/07/00 44-05
-	64	microactuator same laser	USPAT; US-PGPUB	2003/07/22 11:35
_	0	(microactuator same laser) and 372/4.ccls.	USPAT;	2003/07/22 11:36
-	0	(Illicioactuator same laser) and 3/2/4.ccis.	US-PGPUB	2003/07/22 11.30
-	3	(microactuator same laser) and 372/\$.ccls.	USPAT;	2003/07/22 11:36
		,	US-PGPUB	
-	8	(microactuator or micromotion) and 372/\$.ccls.	USPAT;	2003/07/22 11:39
		_	US-PGPUB	
-	1	(microactuator near (actuator)) and 372/\$.ccls.	USPAT;	2003/07/22 11:42
	40		US-PGPUB	0000/07/00 44.44
-	46	microactuator near (actuator)	USPAT; US-PGPUB	2003/07/22 11:44
_	382	microactuator and laser	USPAT;	2003/07/22 11:46
-	302	Thicroactuator and laser	US-PGPUB	2003/01/22 11.40
_	4	(microactuator and laser) and 372/\$.ccls.	USPAT;	2003/07/22 11:46
+		,	US-PGPUB	
-	0	(microactuator and laser) and littman	USPAT;	2003/07/22 11:46
	1		US-PGPUB	
-	0	microactuator and littman	USPAT;	2003/07/22 11:46
			US-PGPUB	0000/07/00 44:40
-	11	microactuator and tun\$4 near laser	USPAT;	2003/07/22 11:46
<u> </u>	1309	microactuat\$3	US-PGPUB USPAT;	2003/07/22 11:47
-	1309	Timoroactuatigo	US-PGPUB	2003/01/22 11.47
-	0	microactuat\$3 and littman	USPAT;	2003/07/22 11:47
		The second section is a second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a section in the second section in the section is a section in the section in the section in the section is a section in the section in the section in the section in the section is a section in the	US-PGPUB	
-	31	microactuat\$3 and diffraction near grating	USPAT;	2003/07/22 11:48
			US-PGPUB	
-	4	microactuator same (stepper near motor)	USPAT;	2003/07/22 11:54
			US-PGPUB	0000/07/00 / / 7 :
-	26	microactuator and (stepper near motor) and laser	USPAT;	2003/07/22 11:54
	107	microactuator near (niezoslectric)	US-PGPUB	2003/07/22 12:06
-	127	microactuator near (piezoelectric)	USPAT; US-PGPUB	2003/07/22 12:06
1_	50	(microactuator near (piezoelectric)) and laser	USPAT;	2003/07/22 12:05
	30	(more actually from (prozection)) and labor	US-PGPUB	2500/01/22 12:00
_	1	(microactuator near (piezoelectric)) and 372/\$.ccls.	USPAT;	2003/07/22 12:05
L			US-PGPUB	
		5-20-27 DM Dage 6		

-	0	microactuator near (piezoelectric near stacks)	USPAT;	2003/07/22 12:07
		, and the second	US-PGPUB	
-	236	piezoelectric near stacks	USPAT;	2003/07/22 12:07
			US-PGPUB	
-	4	(piezoelectric near stacks) and 372/\$.ccls.	USPAT;	2003/07/22 12:08
			US-PGPUB	
-	15	(microactuator near (piezoelectric)) and (mirror or (diffraction near	USPAT;	2003/07/22 12:11
		grating))	US-PGPUB	
-	0	(microactuator near (piezoelectric)) and littman	USPAT;	2003/07/22 12:11
			US-PGPUB	
-	2	(microactuator near (piezoelectric)) and tun\$4 near laser	USPAT;	2003/07/22 12:12
			US-PGPUB	